## Certificate of Analysis

## Ginkgolide J

| Cat. No.: | HY-N0786 |
| :--- | :--- |
| CAS No.: | $107438-79-9$ |
| Batch No.: | 359244 |
| Chemical Name: | $9 \mathrm{H}-1,7 \mathrm{a}-$-(Epoxymethano)-1H,6aH-cyclopenta[c]furo[2,3-b]furo[3',2':3,4]cyclopenta[1,2-d]furan- |
|  | $5,9,12(4 \mathrm{H})$-trione, 3-(1,1-dimethylethyl)hexahydro-2,4,7b-trihydroxy-8-methyl-, (1S,2R,3S,3aS,4 |
|  | R,6aR,7aR,7bR,8S,10aS,11aS) |

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:
Molecular Weight:
Storage:
$\mathrm{C}_{20} \mathrm{H}_{24} \mathrm{O}_{10}$
424.40

| Powder | $-20^{\circ} \mathrm{C}$ | 3 years |
| :--- | ---: | :--- |
|  | $4^{\circ} \mathrm{C}$ | 2 years |
| In solvent | $-80^{\circ} \mathrm{C}$ | 6 months |
|  | $-20^{\circ} \mathrm{C}$ | 1 month |

Chemical Structure:


ANALYTICAL DATA

Appearance:
${ }^{1} \mathrm{H}$ NMR Spectrum:
Purity (HPLC):
Water content:
Conclusion:

White to off-white (Solid)
Consistent with structure
99.97\%
0.8\%

The product has been tested and complies with the given specifications.

